

Abstract

The present invention provides a method of preventing or treating a disease caused by oxidation in vivo by administering a pharmacologically effective amount of at least one compound selected from the group consisting of:

(1) 2,5,7,8-tetramethyl-2-(β -carboxyethyl)-6-hydroxychromane; and

(2) 2,7,8-trimethyl-2-(β -carboxyethyl)-6-hydroxychromane.

Further, it provides use of a compound selected from the group consisting of (3) α -tocopherol, (4) α -tocotrienol, (5) γ -tocopherol and (6) γ -tocotrienol for generation in vivo of any of the above compounds (1) and (2) to treat a disease caused by oxidated low density lipoprotein (LDL).

As the above-mentioned disease, arteriosclerosis is particularly preferred.